| DOCUMENT | NUMBER | <u>5163</u> | REV1  |
|----------|--------|-------------|-------|
|          | DATE   | 09/         | 11/92 |

#### INTRODUCTION

The documents included in this list were selected from the U.S. Environmental Protection Agency (EPA) "Compendium of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Response Selection Guidance Documents" and are referenced in the Idaho National Engineering Laboratory (INEL) Administrative Record Index.

In accordance with regulations [40CFR §300.805(a)(2)] and EPA guidance Office of Solid Waste and Emergency Response (OSWER) Directive 9833,3A-1 certain frequently used guidance documents may be referenced for decisions on selection of response actions in the index to an administrative record and not physically included in the administrative record file.

These documents are accessible for public review at the EPA Region 10 Office, 1200 Sixth Avenue, Seattle, Washington 98101, (206) 553-2121.

#### ACRONYMS

AR

Administrative Record

CERCLA

Comprehensive Environmental Response, Compensation, and Liability

Act

EPA

Environmental Protection Agency

HSWA

Hazardous and Solid Waste Amendments

LDR

Land Disposal Regulation

OSWER Office of Solid Waste and Emergency Response

QA

Quality Assurance

RCRA

Resource Conservation and Recovery Act

RD/RA Remedial Design and Remedial Action

RI/FS Remedial Investigation Feasibility Study

TECD

Technical Enforcement Guidance Document

## IDAHO NATIONAL ENGINEERING LABORATORY ADMINISTRATIVE RECORD GUIDANCE DOCUMENTS SEPTEMBER 11, 1992

| EPA/OSWER<br>NUMBÉR | DOCUMENT TITLE  | ABSTRACT  | DATE     |
|---------------------|---|---|----------|
| OSWER               | Test Methods for Evaluating Solid Waste<br>Laboratory Manual Physical/Chemical Methods<br>Third Edition Volumes 1A, 1B, 1C; and<br>Volume 2 | Volume 1a-1c: Test procedures to evaluate solid wastes to determine if they are hazardous according to Resource Conservation and Recovery Act (RCRA); Volume 2 field manual: Lists methods for collecting samples and determining reactivity, ignitability, composition, and mobility.  | 06/01/87 |
| OSWER 9230.0~3B     | Community Relations in Superfund:   | Provides policy requirements for coordinating activities at Superfund sites and additional techniques and guidance that can be used to supplement and enhance basic community relations program.  | 06/01/88 |
| OSWER 9240.0-1      | User's Guide to the Contract Laboratory<br>Program  | Organic and inorganic analytical program description; outlines the requirements and analytical procedures of new contract laboratory new program protocols developed from technical caucus recommendations. Reflects the status of the program as of December 1986.   | 12/01/88 |
| OSWER 9283.1-2      | Guidance on Remedial Actions for<br>Contaminated Groundwater at Superfund Sites   | Provides guidance for making key decisions in developing, evaluating and selecting groundwater remedial actions at Superfund sites, guidance focuses on policy issues and the decision-making approach and highlights key considerations to be addressed during the remedy selection process.   | 12/01/88 |
| OSWER 9285.5-1      | Superfund Exposure Assessment Manual  | Presents a methodology to guide three major component analyses required to assess human population exposure: Analysis of toxic contaminant releases, determination of environmental fate, and evaluation of human population exposure to toxic contaminants.  | 04/01/88 |
| OSWER 9285.7-01a    | Risk Assessment Guidance for Superfund<br>Volume 1: Human Health Evaluation   | Gives specific guidance on appropriate method and data to use for developing health risk information at Superfund sites.  | 09/29/89 |
| OSWER 9285.7-09a    | Final Guidance for Data Useability<br>in Risk Assessment (Part A)   | Provides practical guidance on how to obtain appropriate level of quality of all environmental analytical data required for Superfund human health risk assessments. The guidance complements and builds upon other Agency guidance provided in "Risk Assessment Guidance for Superfund" (EPA/540/1-89/002), "Guidance for conducting Remedial Investigation and Feasibility Studies Under CERCLA" (EPA/540/G-89/004), and "Data Quality Objectives for Remedial Response Activities" (EPA/540/G-87/003). | 06/02/92 |

| EPA/OSWER<br>NUMBER | DOCUMENT TITLE  | ABSTRACT  | DATE     |
|---------------------|---|---|----------|
| OSWER 9347.2-01     | Land Disposal Restrictions (LDR) Guide as<br>Relevant and Appropriate Requirements for<br>CERCLA Contaminated Soil and Debris | Transmits Office of Solid Waste and Emergency Response (OSWER) policy on relevance and appropriateness of the LDRs to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) responses involving contaminated soil and debris.  | 06/05/89 |
| OSWER 9347.3-01FS   | Superfund LDR Guide #1, Overview of RCRA LDRs   | Summarizes the major components of LDR. Outlines the types of restrictions imposed and represents the compliance options specified in the regulation.   | 07/01/89 |
| OSWER 9347.3-03FS   | Superfund LDR Guide #3 Treatment<br>Standards and Minimum Technology<br>Requirements Under LDRs                               | Summarizes the types and effective dates of treatment standards and outlines how to comply with the treatment standards and the minimum technology requirements set during national capacity extensions.  | 07/01/89 |
| OSWER 9347.3-04FS   | Superfund LDR Guide #4 Complying<br>With the Hammer Restrictions<br>Under LDRs  | Discusses complying with LDR soft hammer and hard hammer provisions that are restrictions on the disposal of hazardous wastes if the Environmental Protection Agency (EPA) does not promulgate standards by the statutory deadline.   | 07/01/89 |
| OSWER 9347.3-05FS   | Superfund LDR Guide #5, Determining When LDRs are Applicable to CERCLA Response Actions                                       | Outlines the process used to determine whether the RCRA LDR established under the Hazardous and Solid Waste Amendments (HSWA) are applicable to CERCLA response actions, which means they must constitute placement of a restricted RCRA hazardous waste.   | 07/01/89 |
| OSWER 9347.3-06FS   | Superfund LDR Guide #6A, Obtaining a Soil and Debris Treatability Variance for Remedial Actions                               | Outlines the process for obtaining and complying with a treatability variance for soil and debris that are contaminated with RCRA hazardous wastes, which the EPA has set treatment standards.  | 07/01/89 |
| OSWER 9347.3-07FS   | Superfund LDR Guide #7, Determining when<br>LDRs are Relevant and Appropriate to<br>CERCLA Response Actions                   | Outlines the process used to determine whether the RCRA LDRs established under the HSWA are "relevant and appropriate" to an onsite CERCLA response action.   | 12/01/89 |
| OSWER 9355.0-4A     | Superfund Remedial Design and Remedial Action Guidance  | To assist agencies and individuals who plan, administer and manage remedial design and remedial action (RD/RA) at Superfund sites. The material is applicable to both fund-financed and responsible-party RD/RAs and provides procedural guidance to be followed to ensure that the RD/RA is performed properly, consistently, and expeditiously. | 06/01/86 |

| EPA/OSWER<br>NUMBER | DOCUMENT NAME   | ABSTRACT   | DATE     |
|---------------------|---|--|----------|
| OSWER 9355.0-14     | A Compendium of Superfund Field<br>Operations Methods, 4-Volume Set   | Consolidated, ready reference to all remedial field procedures.  Provides EPA with consistent field procedures among the ten regions.  It should be used by remedial project managers, quality assurance officers, and state and regional field offices.                                       | 12/01/87 |
| OSWER 9355.0-78     | Data Quality Objectives for Remedial Response Activities: Development Process. 2-volume set  Example Scenario: RI/FS Activities At A Site with contaminated soils and Groundwater | Intended to guide the user through the process of developing quality objectives for site-specific Remedial Investigation Feasibility Study (RI/FS) activities. These are qualitative and quantitative statements that specify the quality of data required to support RI/FS activities.        | 03/01/87 |
| OSWER 9355.3-01     | Guidance for conducting RI/FS under CERCLA  | Outlines the RI/FS process. Presents the methodology that the Superfund program as established for characterizing the nature and extent of risks posed by uncontrolled hazardous waste sites and for evaluating potential remedial options.  | 10/01/88 |
| OSWER 9355.3-01FS1  | Getting Ready - Scoping the RI/FS -<br>Quick Reference Fact Sheet   | This fact sheet provides information on how to manage the scoping phase of the RI/FS process.  | 11/01/89 |
| OSWER 9355.3-01FS3  | The Feasibility Study, Development<br>And Screening of Remedial Action<br>Alternatives, Quick Reference Fact Sheet<br>(Summary of Chapter 4 of 9355.3-01)                         | Discusses the development and screening of alternatives for remedial action. Also provides information intended to assist the Remedial Project Manager in managing this portion of the FS.   | 11/01/89 |
| OSWER 9355.3-01FS4  | The Feasibility Study - Detailed<br>Analysis of Remedial Action<br>Alternatives, Quick Reference Fact Sheet<br>(Summary of Chapter 6 of 9355.3-01)                                | Addresses the detailed analysis of RI alternatives. The purpose of the detailed analysis of alternatives is to provide decision makers with adequate information to permit selection of an appropriate remedy.   | 03/01/90 |
| OSWER 9355.3-02     | Guidance on Preparing - Superfund<br>Decision Documents, Interim Final  | Standardizes the format for documenting superfund remedial action decisions, clarifies the roles and responsibilities of the EPA, States, and other Federal Agencies in developing and issuing decision documents, and explains how to address changes made to proposed and selected remedies. | 07/01/89 |

| EPA/OSWER<br>NUMBER | DOCUMENT TITLE  | ABSTRACT  | DATE     |
|---------------------|---|---|----------|
| OSWER 9355.3-11     | Conducting Remedial Investigation<br>Feasibility Studies for CERCLA<br>Municipal Landfill Sites | Discusses activities and provides a number of tools to adequately scope an RI/FS for a landfill site, it describes site characterization strategies for co-disposal facilities that have or do not have suspected hot spots, it describes the remedial technologies appropriate for CERCLA landfills, it includes an analysis of the nine criteria used to evaluate practicable technologies, and it describes remedial alternatives.                   | 02/01/91 |
| OSWER 9833.3A-1     | Final Guidance on Administrative Records<br>For Selecting CERCLA Response Actions               | Addresses the establishment of Administrative Records (AR) under Section 113 of CERCLA. Introduces the purpose of the AR, reviews procedures for compiling and maintaining the AR, examines the various types of documents that should be included in the AR, and discusses how agencies outside EPA are involved in establishing the record.   | 12/01/90 |
| OSWER 9950.1-A      | RCRA Ground-Water Monitoring Technical Enforcement Guidance Document (TEGD): Executive Summary. | Supplements 9950.1. Executive summary of TEGD concerning RCRA ground-water monitoring: Includes site hydrogeology, detection monitoring wells, sampling and analysis, statistical analysis, and assessment.   | 07/01/87 |
| EPA                 | Guidelines and Specifications for<br>Preparing QA Program Documentation                         | Describes key quality assurance (QA) elements normally considered important in a QA program. Discusses QA program plan preparation, submission, review, and approval; QA policies, procedures, management systems; and QA annual report and work plan. Also provides a description of QA audit types.   | 06/01/87 |
| EPA 540/1-89/001    | Risk Assessment Guidance for Superfund<br>Volume II: Environmental Evaluation<br>Manual.        | Provides a basic framework for developing health risk information at Superfund sites and also gives specific guidance on appropriate methods and data to use. This manual is addressed primarily to individuals actually conducting health risk assessments for sites. It is also targeted to individuals responsible for review and oversight of risk assessments as well as those responsible for ensuring adequate evaluation of human health risks. | 03/01/89 |
| EPA 540/2-84/001    | Slurry Trench Construction for Pollution<br>Migration Control                                   | Handbook provides reviewers of remedial action plans with the necessary background material to evaluate the portions of the plan dealing with slurry walls used for pollution migration control and a series of evaluation criteria that corresponds to the stages of a slurry wall installation.   | 02/01/84 |
| EPA 540/2-84/002A   | Remedial Response at Hazardous Waste<br>Sites: Summary Report                                   | Identifies and assesses the various types of response activities that have been implemented, are in progress, or have been proposed to date at uncontrolled hazardous waste sites.  | 03/01/84 |

| EPA/OSWER<br>NUMBER | DOCUMENT TITLE   | ABSTRACT  | DATE     |
|---------------------|--|---|----------|
| EPA 540/2-84/003A   | Review of In-Place Treatment Techniques<br>for Contaminated Surface Soils -<br>Vol. 1: Technical Evaluation: | Presents information on in-place treatment technologies applicable to contaminated soils at shallow depths. Discusses extraction, immobilization, degradation, attenuation, and reduction of volatiles.   | 09/19/84 |
| EPA 540/2-84/003B   | Vol. 2: Background information for<br>In-Situ treatment  |   | 11/01/84 |
| EPA 540/2-86/002    | Systems to Accelerate In-Situ<br>Stabilization of Waste Deposits   | Discusses use of reactants to stabilize waste. Describes four kinds of reactants: biodegradation, surfactant-assistant flushing, hydrolysis, and oxidation. Methods of delivery assessed include surface flooding, ponding, surface spraying, ditching, and subsurface infiltration beds.   | 09/01/86 |
| EPA 540/2-88/002    | Technology Approaches to the Cleanup of<br>Radiologically Contaminated Superfund Sites                       | Identifies technologies that may be useful in removing or stabilizing radiological contamination at those uncontrolled hazardous waste sites that contain radionuclides. Addresses remediation of contaminated soil; and reviews several technologies that have the capability for eliminating or stabilizing radionuclides at radiologically contaminated sites.                           | 08/01/88 |
| EPA 540/2-88/004    | Technology Screening Guide for Treatment of CERCLA Soils and Sludge  | A guide for screening feasible alternative treatment technologies for soils and sludges at Superfund sites. Provides a screening methodology to identify treatment technologies that may be suitable for the management of soils and sludges containing CERCLA wastes. Limited information is also presented about pretreatment, materials handling, and residuals management requirements. | 09/01/88 |
| EPA 540/2-89/058    | Guide for Conducting Treatability<br>Studies Under CERCLA: Interim Final                                     | Describes a three-tiered approach for conducting treatability studies that consist of laboratory screening, bench-scale testing, and pilot-scale testing. Also presents a stepwise approach or protocol for conducting treatability studies for determination of the effectiveness of a technology in remediating a CERCLA site.  | 12/01/88 |
| EPA 600/4-84/043    | Soil Sampling QA User's Guide  | Presents analysis of variance of soil monitoring data, methods of calculating required numbers of soil samples to achieve desired precision and confidence levels and assignment of control limits to quality assurance/quality controlled data.  | 05/01/84 |
| EPA 600/4-85/048    | Sediment Sampling QA User's Guide  | Overview of selected sediment models presented as foundation for stratification study of regions and selection of sampling sites, methods of sampling, and land sample preparation and analysis. Discusses rivers, lakes, and estuaries.  | 07/01/85 |

EPA/OSWER NUMBER

DOCUMENT TITLE

ABSTRACT

DATE

EPA 625/8-87/014 A Compendium of Technologies Used In The Treatment of Hazardous Wastes.

Discusses processes that use physical characteristics to affect a separation or concentration of constituents in a waste stream. Organizes processes into four groupings according to their physical basis: Separation by gravity, dissolution, phase change, and size/adsorptivity/ionic characteristics. Describes each technology and discusses its applicability/limitations, status, and sources.

09/01/87